



WATER QUALITY ENVIRONMENTAL PERFORMANCE PARTNERSHIP AGREEMENT


State Fiscal Year 2007

July 2006

Idaho Department of Environmental Quality
U.S. Environmental Protection Agency, Region 10

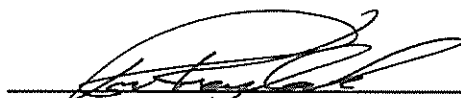
Water Quality Programs Environmental Performance Partnership Agreement

The following Performance Partnership Agreement (PPA) between the United States Environmental Protection Agency (EPA), Region 10 and the State of Idaho is for the Idaho Department of Environmental Quality (DEQ) Water Quality Programs. This PPA will serve as the Water Quality Programs work plan. It is effective for the State Fiscal Year (SFY) 2007 and covers the period July 1, 2006 through June 30, 2007. This agreement aligns the State of Idaho and EPA Region 10 priorities and defines expected environmental outcomes. Through this agreement, federal and state agencies can work together more efficiently in managing the water resources in Idaho.



Toni Hardesty, Director
Idaho Department of Environmental Quality

7/18/06
Date



Ronald A. Kreizenbeck, Acting Regional Administrator
U.S. Environmental Protection Agency, Region 10

7/24/06
Date

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INTRODUCTION

EPA and States share responsibility for environmental protection. This Performance Partnership Agreement (PPA) describes how the Idaho Department of Environmental Quality (DEQ) and the U.S. Environmental Protection Agency Region 10 (EPA) will work together to protect Idaho's water quality.

The goal of a PPA is to bring more flexibility, accountability, and innovation into the state and federal relationship. In particular, these agreements are intended to increase environmental protection by focusing on overall environmental goals and results of the government programs. In the PPA process, DEQ and EPA discuss environmental conditions and program needs, agree on priorities, develop approaches to address priorities, determine roles and responsibilities, and choose program measures.

This agreement details how the DEQ and EPA will work together to accomplish their common water quality goals. The two agencies will continue to focus their work on integrating key program areas that form the foundation of the water program. These core programs include: safe drinking water, water quality standards, water quality monitoring and assessment, waterbody and watershed restoration and NPDES permits and compliance. DEQ is the lead agency for most of these programs except for NPDES and Wetlands, for which EPA is the lead. Each major water quality program component identifies the expected environmental results as well as the DEQ and EPA work commitments to be completed during State Fiscal Year 2007 (July 1, 2006 through June 30, 2007).

To present a comprehensive overview of DEQ's efforts to protect water quality, this PPA describes additional DEQ water program activities funded by other federal and non-federal funds.

STRATEGIC PRIORITIES

EPA and DEQ were guided in these PPA negotiations by their respective strategic priorities. Table 1 illustrates how many of these priorities, such as improving and maintaining the quality of Idaho's drinking water, are shared by both agencies. These sets of priorities establish the framework for development of this PPA. Specifically, this PPA incorporates EPA's priorities and targets that correspond to DEQ's priorities and objectives.

Table 1 Summary comparison of DEQ and EPA's mission and priorities.

Plan Component	DEQ	EPA
Mission	Protect human health and preserve the quality of Idaho's air, land and water for use and enjoyment today and in the future. (This is also the overarching mission for all of the water programs in the State.)	Protect human health and safeguard the natural environment — air, water, and land — upon which life depends.
DEQ Vision/ EPA National and Region 10 Priorities	DEQ envisions a future for Idaho's citizens wherein quality of life is enhanced by the quality of the environment. We will assess, sustain, preserve, and enhance environmental qualities in partnership with communities and businesses, and in concert with the economic vitality of the State.	<ul style="list-style-type: none"> • Clean Air and Global Climate Change • Clean and Safe Water • Land Preservation and Restoration • Healthy Communities and Ecosystems • Compliance and Environmental Stewardship <p>Region 10 Priorities for Idaho:</p> <ul style="list-style-type: none"> • Coeur d'Alene Basin • Columbia River Basin • Clean-up of Contaminated Sites • Tribal Environmental Health • Fine Particulate Matter from Smoke and Diesel
DEQ Strategic Plan Water Issues and Actions / EPA National Priorities (Water, Enforcement and Compliance)	<ul style="list-style-type: none"> • Improve ground water quality in identified degraded areas and protect all ground water. • Improve the surface water quality in areas identified as not supporting their beneficial uses or where the State believes threatened or endangered species exist. • Protect public health by maintaining or improving the quality of Idaho's Drinking Water. • Promote watershed-based solutions and emphasize coordination, collaboration, and sharing of expertise across programs in recognizing the entire watershed as one system. 	<ul style="list-style-type: none"> • Improve Monitoring • Contribute to the President's Wetland Goals • Improve Compliance with Drinking Water Standards • Restore and Improve Water Quality on a Watershed Basis • Support Sustainable Water Infrastructure • Compliance with the National strategic priorities for Clean Water Act – Wet Weather, which includes Combined Sewer Overflows (CSO's), Overflows (SSOs) and Stormwater; • Implementation of a core compliance program (compliance assistance, monitoring, and enforcement) for both the NPDES and SDWA water programs.

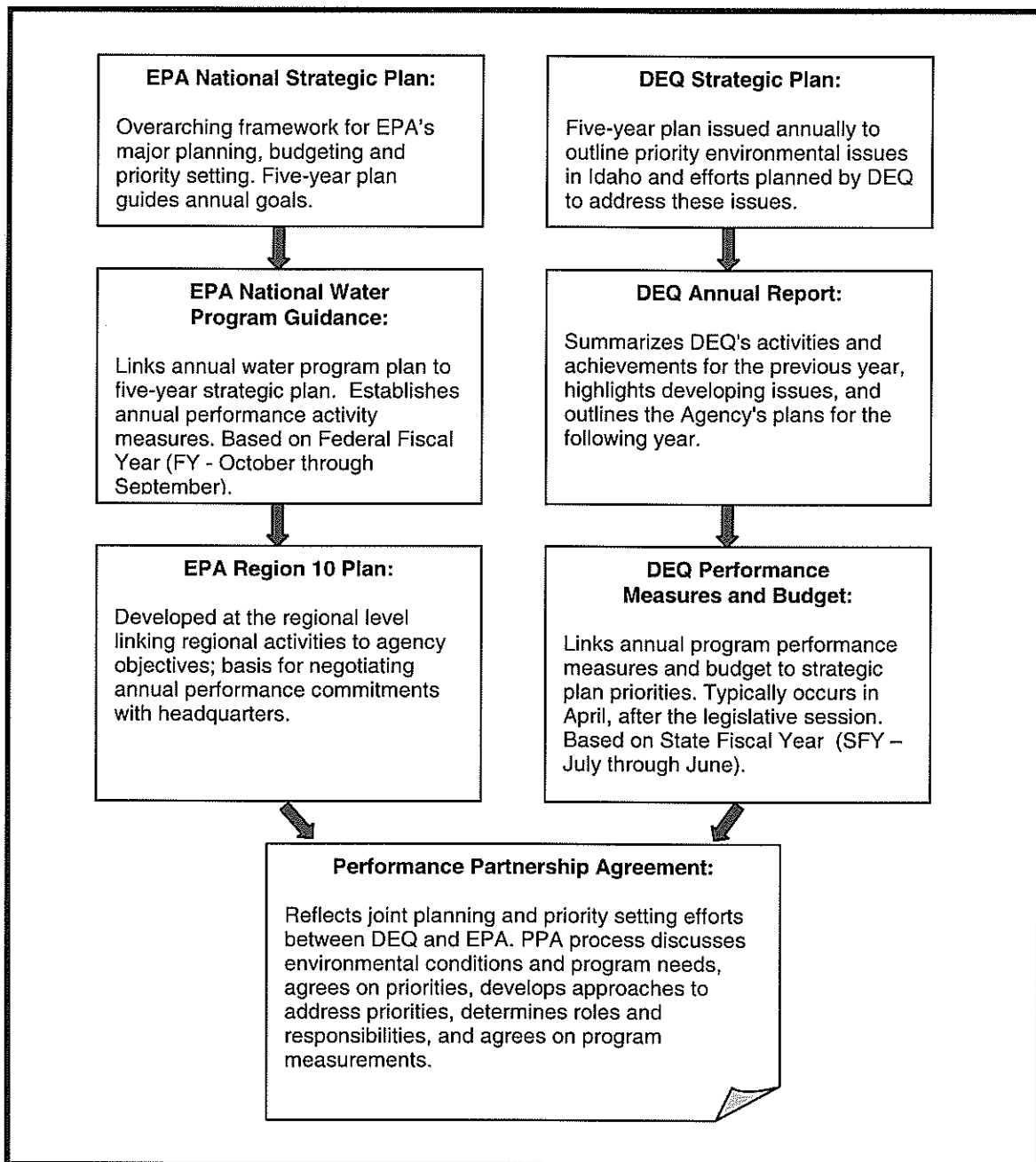


Figure 1 Relationship of DEQ and EPA planning processes to the PPA.

DEQ's Strategic Priorities

DEQ has adopted a Strategic Plan for 2005 through 2009, available at <http://www.deq.state.id.us/about/publications.cfm>. Table 1 summarizes the mission of this comprehensive environmental plan as well as the objectives for the DEQ water quality program. Similar to EPA, DEQ intends to use environmental outcomes as one method in evaluating the effectiveness of its programs. Specific water quality objectives include:

- Improve ground water quality in identified degraded areas and protect all ground water.
- Improve the surface water quality in areas identified as not supporting their beneficial uses or where the State believes threatened or endangered species exist.
- Protect public health by maintaining or improving the quality of Idaho's Drinking Water.
- Promote watershed-based solutions and emphasize coordination, collaboration, and sharing of expertise across programs in recognizing the entire watershed as one system.

EPA's Strategic Priorities

The EPA National Water Program Guidance (Fiscal Year 2006) provides an overarching document of national goals, priorities and performance measures (program activity measures - PAMs) aimed at making significant progress toward protecting human health and improving water quality. This national program guidance is augmented by the National Program Manager (NPM) Guidance for enforcement activities in all media. The NPM Guidance for Water similarly lays out expectations for water activities. The NPM Guidance does not include enforcement and compliance. The EPA Regional Strategic Plan captures national and regional goals and describes priorities, strategies and expectations. EPA Region 10 strives to integrate state and regional priorities with EPA's national strategic planning objectives. Some of the key priorities are summarized in Table 1. Specific national priorities concerning water quality include:

- Improve monitoring
- Contribute to the president's wetland goals
- Improve compliance with drinking water standards
- Restore and improve water quality on a watershed basis
- Support sustainable water infrastructure

A more complete description on the EPA National 2005 Strategic Plan is available at <http://www.epa.gov/ocfo/>, while Region 10's plan can be located at <http://www.epa.gov/r10earth/>.

I. GENERAL WATER QUALITY AGREEMENTS

I.A. Information and Document Sharing Expectations

DEQ will submit annual reports to EPA that provide data on the measures indicated in the Performance Partnership Agreement, unless this information is provided in grant reports. DEQ and EPA will inform each other regarding correspondence about grants, agreements, products or services rendered from other local, state and federal agencies or private entities, which concern activities covered under this agreement.

I.B. Training and Technical Assistance

Each agency, within its resource limitations, will provide training and technical assistance to the other upon request.

I.C. Joint Evaluation of Performance

Unless stipulated otherwise in the PPA or individual grant conditions, DEQ and EPA will perform semi-annual reviews for all PPA commitments. These reviews will occur approximately mid-year and near the conclusion of the annual PPA cycle. This joint evaluation of performance will discuss program accomplishments as measured against work plan commitments existing and potential problem areas, and suggestions for improvement. As a result of these performance evaluations, DEQ and EPA will collaborate on preparing brief progress reports covering their respective commitments in the PPA.

I.D. Roles and Responsibilities

Roles and responsibilities for EPA and DEQ are specified at the Program Commitment level in this PPA.

I.E. Terms and Conditions

Follow all terms and conditions outlined in operating agreements, yearly grant agreements, federal and state statutes and regulations. For the purposes of quantification of effort, 2080 person hours is one "full-time equivalent" (FTE), also known as, one "work year." As required by 40 CFR Part 35, the following federal sources of funding have been identified in this PPA:

- *Surface Water 106* [Land Application; NPDES Inspections/Certs; Wastewater Plan/Specs]
- *Ground Water 106* [Ground Water Program Related Activities]
- *Non-point Source 319* [TMDL; NPS; Restoration and Management Plans]
- *104(b)(3)* [Wastewater Reuse; WW Security; Microbial Risk Assessment; NPDES Primacy; Storm Water; Biosolids; Watershed Restoration Database]
- *604(b) / 205(j)* [Wellhead Protection; On-site Wastewater Program]
- *TMDL Grant* [Portneuf River, Salmon Falls, Jordan Creek]
- *STAG (205(g) 305(b))* [Public Works Construction Oversight]
- *National Water Quality Assessment* [BURP]
- *Drinking Water PWSS* [Drinking Water Program Administration]
- *Drinking Water SRF Capitalization Grant* [Drinking Water Loans, Loan Program Administration and eligible set-aside activities]
- *Clean Water SRF Capitalization Grant* [Wastewater Loans, and Loan Program Administration]

I.F. Outcomes

Environmental outcomes are described in the individual program sections.

COMPONENT 1. Surface Water Assessment and Protection Programs

Program Goal

The goal of the DEQ Surface Water Program is to address impaired water bodies in order to support designated and existing beneficial uses. DEQ also plans to improve surface water quality in areas with endangered species issues. These goals are accomplished through the following activities: monitoring and data collection; assessment; Integrated Report publication (formerly called the 305(b) report and 303(d) list); water quality standards development; Total Maximum Daily Load (TMDL) development.

Activities

Complete TMDLs per 2002 Idaho Settlement Agreement. Continue monitoring and assessment; develop water quality standards (WQS). Submit 2006 Integrated Report.

Program Contacts

Laurie Mann, EPA (206) 553-1583

Jannine Jennings, EPA (206) 553-2724

Michael McIntyre, DEQ (208) 373-0570

Program Commitments

Priorities

- Complete 17 Hydrologic Unit Cataloging (HUC) Sub Basin Assessments and Total Maximum Daily Loads (TMDLs) as per the 2002 Settlement Agreement and new schedule established therein.
- The 2002 Settlement Agreement required review of previously evaluated water bodies to determine if TMDLs may now be needed. In December 2005, EPA approved Idaho DEQ's 2002 303(d) list. In order to fulfill the increased workload from those Assessment Units identified in Attachment 2 of the Settlement Agreement which were not delisted in 2002 and now require TMDLs, DEQ will need to reprioritize and shift some resources. EPA and DEQ agree that a prudent path forward in light of the current backlog of TMDLs is to include those waters identified above in DEQ's legislatively mandated 5-year TMDL review process and schedule completion of those TMDLs as part of that process. Should this change in priorities and shifting of resources warrant a change in the TMDL schedule established within the Settlement Agreement, DEQ will follow provisions outlined in the Settlement Agreement for making those changes.
- Develop plans and implement approved TMDLs with designated management agencies.
- Review the TMDL process, related rules, and Idaho Code to make modifications as necessary and appropriate.
- Improve and maintain agency coordination of ambient monitoring activities in Calendar Year (CY) 2006 field season through the Ambient Monitoring Plan.
- Publish the 2006 Integrated Report and submit it to EPA by October 2006.
- Take public comment on DEQ's proposed HB 145 TMDL review schedule as part of the 2006 Integrated Report.
- Continue to update and modify water quality standards as needed.

Outcomes

An increase in the percentage of surveyed waters supporting beneficial uses and a decreased percentage of waters that do not support beneficial uses that have been addressed by TMDLs.

TOTAL MAXIMUM DAILY LOADS (TMDLS)

1.1 Restore beneficial uses and meet water quality standards in water quality limited water bodies.

Approach

Complete Sub-Basin Assessments (SBAs) and TMDLs as per the 2002 TMDL settlement agreement. See Outputs item (a) below.

Outputs

- a. Complete 17 HUC SBA/TMDLs as per The 2002 Settlement Agreement and schedule established therein.

1. North Creek (16010201)
2. Bear River (16010202)
3. Malad (16010204)
4. Boulder Creek (17040105)
5. Blackfoot River (17040207)
6. Clearwater (17060306)
7. Schweitzer Creek (17010214)
8. Salmon Falls Creek (17040213)
9. Little Lost River (17040207)
10. Big Wood River (17040219)
11. Mores Creek (17050112)
12. Lake Lowell (17050114)
13. Big Willow Creek (17050122)
14. Wildhorse River (17050201)
15. Lemhi River (17060204)
16. Upper Henry's (17040202)
17. Brownlee Reservoir for Mercury (17050201)

DEQ will continue to cooperate with the Tribe, EPA, and the contractor on the development and issuance of the Black Lake TMDL.

- b. Continue to perform Pre and Post TMDL Monitoring visits, to support TMDL development and adaptive management.
- c. Encourage DEQ Regional Offices and Designated Management Agencies (DMAs) to use DEQ's Internal Guidance for completing Implementation Plans wherever possible. DEQ's guidance includes the 9 elements from EPA's national 319 guidance.
- d. DEQ anticipates submitting the following late TMDLs to EPA:
1. Hangman Creek 17010306
 2. Moyie River 17010105
 3. Jordan Creek 17050108
 4. Potlatch Creek 17060306
 5. Weiser River 17050124
 6. American Falls Reservoir 17040206
 7. Kootenai River 17010104
 8. Clark Fork River 17010213

9. 17060306 Lolo Creek

- e. 17060103 Snake River – Salmon River to Washington state line. This TMDL is a joint effort by EPA and states in conjunction with the Columbia Main Stem Temperature TMDL. DEQ and EPA will continue to work collaboratively on this TMDL, however, the final completion date is unknown at this time due to scope and complexity.
- f. 17050114 Lower Boise tributaries – 5 Tributary Use Attainability Analyses (UAAs) were submitted to EPA in lieu of TMDLs. EPA approved changes for secondary contact recreation, but did not approve UAAs for other standards changes. The Lower Boise WAG is developing a second draft UAA for these tributaries, based on EPA comments from the first round. DEQ and EPA will evaluate these proposed UAAs in light of CWA requirements, documentation and rationale. If the UAAs are approved by EPA, TMDLs will not be required. It is hoped that this process and output can be a model for future UAAs across the state.
- g. Provide plaintiffs with TMDL progress report for CY 2005 by July 2006, and for CY 2006 by January 2007.

Schedule

SBA and TMDL completion follows a calendar year and an agreed-upon schedule; please see "TMDL Settlement Agreement, Attachment 1 – Schedule."

Note: Late TMDLs are anticipated for completion by December 2006 or sooner, as noted in Outputs above.

Funding

These Activities are funded by state monies appropriated through the Idaho State Legislature. Presently, DEQ devotes approximately 47,649 person hours (approximately 22 work years) and \$503,000 in contractual funds to support this effort. Successful achievement of these Activities will depend on additional funding and collaborative efforts with other agencies. TMDL Implementation Plan development efforts conducted by DEQ staff are funded by State general funds and some Federal 319 funds.

Contacts

Laurie Mann, EPA (206) 553-1583

Michael McIntyre, DEQ (208) 373-0570

MONITOR, ASSESS, AND DESIGNATE

1.2 Assess monitoring data for beneficial use status.

Approach

Continue targeted and random monitoring of Idaho water bodies per DEQ Ambient Monitoring Strategy (2004). Improve the monitoring work plan and develop consistent training materials. Begin assessments of 2004-2005 data for the 2006 Integrated Report. Continue to develop and maintain capacity for electronic reporting of 305(b) information in the Integrated Report. Continue electronic reporting of integrated reports using EPA's assessment data base. Commit to participate in EPA National Lake Survey program. Coordinate with Idaho Department of Fish and Game in drafting a one time statewide mercury fish tissue sampling plan (budget dependent).

Outputs

- a. Data collected at 50 random and 240 targeted BURP sites.

COMPONENT 1. Surface Water Assessment and Protection Programs

- b. Publication of the 2006 Integrated Report, including “public comment” and “response to public comment” activities.
- c. Complete 2006 Integrated Report by October 2006 and submit to EPA.
- d. Implement Ambient Monitoring Plan.
- e. Share DEQ’s Lake Monitoring Results with EPA.
- f. Develop 4b policy for 2006 Integrated Report.
- g. Provide 2006 Integrated Report Policy and Procedures document for public comment.
- h. Identify at least ten 6th field (12 digits) HUC watersheds where watershed approaches are likely to result in significantly improved water quality by 2012 with respect to impairments listed in Idaho’s 2002 Integrated Report. Report on successes as progress is demonstrable.

Schedule

- a. Continue to implement the Ambient Monitoring Plan for 2006 field season.
- b. Coordinate Idaho E-Map data analysis with EPA.

Funding

State monies largely fund the Idaho Ambient Surface Water Monitoring Program (AMP). DEQ does receive some federal monies to support the EMAP/REMAP program in Idaho. DEQ estimates approximately 36,810 person hours (equivalent to 17 work years) and \$314,000 in contractual funds to support AMP in this PPA cycle.

Contacts

Gretchen Hayslip, EPA (206) 553-1685
Laurie Mann, EPA (206) 553-1583
Michael McIntyre, DEQ (208) 373-0570

WATER QUALITY STANDARDS

1.3 Develop scientifically based functional water quality standards to address program needs and to ensure protection of Idaho water.

Approach

DEQ and EPA will work collaboratively to develop revised water quality standards and any implementation guidance (see section 3.2 for details). DEQ will request applicant status and participate in ESA consultations, and submit for EPA action rulemaking dockets approved by Idaho legislature. EPA will review and consult on Idaho WQS submittals.

Outputs

- a. Share mixing zone technical procedures manual with EPA and meet to discuss coordination of mixing zone analyses (See also NPDES Sec. 5.1).
- b. Prepare a draft list of likely man-made waters in the Treasure Valley and description of methodology utilized to prepare list. Provide to EPA for review and comment.
- c. Complete ongoing rulemakings and submit any finalized rules to EPA for their review and action. Ongoing rulemakings include: changes to definition and assessment procedures (58-0102-0505), a proposed rule as of June 7, 2006; and flow and application of standards (58-0102-0601), negotiated rulemaking began May 25th, 2006. DEQ will keep EPA informed on these and other rulemakings that may be planned in the coming fiscal year, including materials distributed during rule negotiations, schedules of public meetings, proposed and pending rule publications, and public comment received.

COMPONENT 1. Surface Water Assessment and Protection Programs

- d. Provide EPA results of DEQ/USGS cooperative low-flow study.
- e. Seek joint funding possibilities for technical analysis that may be needed to pursue EPA Region 6 approach to Arsenic human health criteria.
- f. Keep EPA informed of follow-up Temperature Summit activities. Discuss options with EPA.
- g. Consider rule modification to include reference to Appendix F of WBAG II as Idaho procedure for determining when and where salmonid spawning occurs.

Schedule

DEQ anticipates the items listed in 1.3 above, to be completed and submitted to EPA by June 30, 2007, unless otherwise specified.

Funding

These Activities are to be funded by monies appropriated through the state legislature. DEQ estimates approximately 5,492 person hours (equivalent to 2.54 work years) and \$250,000 in contractual funds to support this effort. Achievement of future goals will depend on additional funding and collaborative efforts with other agencies.

Contacts

Jannine Jennings, EPA (206) 553-2724

Mike Lidgard, EPA (206) 553-1755 (re: mixing zone analyses, §401 certification)

Michael McIntyre, DEQ (208) 373-0570

1.4 Component Commitments

DEQ Commitments

Please refer to output sections 1:1, 1.2, and 1.3 above regarding TMDL, Monitoring and Assessment, and Water Quality Standards Activities.

DEQ and EPA Commitments

- a. Communicate at least quarterly by conference call on progress of WQS submittal and approval actions, TMDLs, Integrated Report, and PPA commitments. Have a minimum of two face to face meetings during the PPA. One in December 2006, a second in May 2007.
- b. Strengthen working relationship on an ongoing basis.
- c. Seek additional state and federal funding for surface water protection activities, as may be available, including additional resources for 104(b)(3) monitoring and Ambient Monitoring Plan.
- d. Both EPA and DEQ will make appropriate staff assignments to each TMDL.
- e. Report overall Surface Water Program progress semiannually regarding submittal and approval actions, TMDLs, and Integrated Report.
- f. Coordinate review and selection of nonpoint source projects and activities directed to priority watersheds, taking into account multiple available funding sources.
- g. Continue support of watershed approach, utilizing basin monitoring efforts, state program integration, and storm water planning to emphasize nonpoint source program results.
- h. Arrange meeting between DEQ Director and EPA Administrator to resolve the Lochsa River delisting/TMDL dilemma.

COMPONENT 1. Surface Water Assessment and Protection Programs

EPA Commitments

- a. EPA assistance in gathering information on wastewater treatment technology and costs for arsenic pertinent to Idaho dischargers in order to support human health criteria revision.
- b. EPA will participate in DEQ's follow-up to its March '06 Temperature Summit.
- c. Participate early and to the extent possible in DEQ negotiated rulemaking proceedings.
- d. Review workplan for gathering additional data to support aquatic life use changes for lower Boise River tributaries.
- e. EPA will take timely action to approve or disapprove all TMDLs submitted by DEQ.
- f. EPA will take timely action regarding the current Integrated Report within statutory time frames.
- g. EPA will finalize its review of Seasonal Cold Water Category and Criteria (rule docket 16-0102-9704) and work with DEQ on formulating alternatives or revisions as appropriate.
- h. EPA will work with DEQ on a mutually agreeable path forward on Bull Trout Criteria.
- i. EPA will review, and take approval or disapproval action on the following water quality standards submittals and/or dockets. EPA will also communicate with Barry Burnell, Administrator, DEQ Water Quality Division, regarding current status of each of the following:
 - 1. Removal of salmonid spawning time table – Docket 16-0102-9704
 - 2. Variance procedure changes – Docket 58-0102-0103 b.
- j. EPA will continue to provide timely review and action on the following:
 - 3. Review SFY 2006 319 applications, work plans, amendments, make grant awards, and provide technical assistance in a timely manner.
 - 4. Communicate with DEQ regarding nutrient standard strategies and development.
 - 5. Provide TMDL Settlement Agreement parties with copies of TMDLs and corresponding action letters.
 - 6. Remove federal designation for Soda Creek, Blackfoot River, South Fork Coeur d'Alene River, and Canyon Creek.
 - 7. Review of rule dockets for Soda Creek use revision and ZID definition (Docket 58-0102-0501), bacteria criteria consolidation (Docket 58-0102-0502), and Idaho specific Cd aquatic life criteria and Human Health criteria update (Docket 58-0102-0503).
- k. EPA commits to better coordinate NPDES permitting with TMDL completion.
- l. Continue EPA technical support to DEQ for mercury TMDL development.

COMPONENT 2. Watershed Protection Program

2.1 Manage §319/NPS Program.

Approach

Implement the §319 Nonpoint Source (NPS) Program through EPA approved Idaho 2000 Nonpoint Source Management Plan and 2004 EPA §319 guidance. The Idaho Nonpoint Source Management plan is available at

http://www.deq.idaho.gov/water/data_reports/surface_water/nps/reports.cfm.

Update the umbrella NPS MOU among NPS agency partners to re-emphasize their roles and responsibilities in addressing nonpoint source issues on lands they administer. These partners may include: Idaho State Department of Agriculture, Idaho Department of Lands, Soil Conservation Commissions, U. S. Forest Service, Bureau of Land Management, Natural Resources Conservation Service and others. As a follow on to the umbrella MOU, DEQ will work on revising existing Nonpoint Source, Forest Practices Act, and other sector specific water quality Memorandums of Understanding (MOUs) as necessary.

Outputs

- a. Successful award and completion of implementation project grants initiated under §319 contracts. These grants are contingent upon approved TMDLs and other water quality priorities and will be based on funding availability and amount. The 319 Nonpoint Source Management Plan will be utilized as the guidance document for this activity.
- b. Administer grants in accordance with relevant grant conditions including use of the Grant Reporting and Tracking System (GRTS) to report program activities on all mandatory elements, including estimated project load reductions (for nitrogen, phosphorus, and sediment as applicable). DEQ will enter all FY2006 GRTS project data prior to April 1, 2007.
- c. Submit a complete annual report for the Nonpoint Source Management Program (including available load reductions), and §319 grant.
- d. Initiate and develop an umbrella Memorandum of Understanding (MOU) with Nonpoint Source entities.
- e. Perform §319 Reviews utilizing the Nonpoint Source Management Plan as the guidance document.
- f. Integrate outside funding efforts with §319 funding to allow increased funding by all available sources, of implementation work in priority watersheds for which watershed-based plans have been prepared, per §319 guidance.
- g. Continue to develop effluent trading opportunities for this year, in areas where trading is likely. EPA to provide permit language in order to facilitate further use of this tool.
- h. Report (in annual report and as requested) watershed-based plans under §319 since beginning of FY 2002, which are:
 1. under development,
 2. being implemented, and
 3. substantially implemented (per §319 guidance).
- i. Report the number of primarily NPS-impaired waterbodies that are partially or fully restored (cumulative) as requested and in the Nonpoint Source Annual Report.

Schedule

Activities conducted under the auspices of §319/NPS will follow milestones identified in Idaho's Nonpoint Source Management Plan, and §319/NPS grant work plan.

Funding

EPA funds approximately 60% of the §319/NPS program while 40% in matching funds comes from State and local monies. Pollution Trading efforts have been supported with some 104(b) federal grant funds and State funds. DEQ estimates approximately 6,439 person hours (approximately 3.09 work years) and approximately \$2,400,000 from the Federal §319 Grant will support §319 activities.

EPA Commitments

EPA will work with DEQ to find the most expeditious mechanisms to utilize the State's full CWA 319 allocation while minimizing the need for carryover funds between grants.

Contacts

Bill Jerrel, DEQ (208) 373-0400

Rick Seaborne, EPA (206) 553-8510

Dave Pisarski, DEQ (208) 373-0464

2.2 Develop a Watershed Restoration Project Database

Approach

Develop a dynamic web application and database to identify and track watershed restoration projects, practices and expenditures, and create a repository for ambient water quality data associated with these projects.

Outputs

- a. Work with partners and stakeholders in getting commitment to use and maintain the proposed database.
- b. Completed working web application and database.

Schedule

June 30, 2006.

Funding

This activity will be funded by the Federal 104(b)(3) grant.

Contacts

Liisa Itkonen, DEQ (208) 373-0407

COMPONENT 3. Wastewater Permitting Program

Program Goal

The goal of the Wastewater Permitting Program is to ensure wastewater is utilized in a manner that is protective of human health and the environment with respect to surface water and ground water.

Activities

Process land application permits; perform compliance oversight of land application permitted facilities; assist health districts in on-site wastewater permitting; develop program guidance materials and ensure statewide consistency.

Program Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Cyndi Grafe, EPA, Grant Project Officer (208) 378-5771

Program Commitments

Priorities

- Conduct 50 wastewater land application permit inspections.
- Issue 30 protective land application permits.
- Conduct timely review of annual reports.
- Participate in the development of a National Sanitation Foundation testing protocol for subsurface drainfield products.

Outcome

An increase in the percentage of wastewater facilities that meet permit limits in down gradient monitoring wells.

3.1 Process 30 land application permits by July 1, 2007

Approach

Priority will be given to facilities with expiring permits in drinking water source assessment areas, degraded aquifers and industrial sites.

Outputs

- a. Land application permits.
- b. DEQ will report progress on the issuance of the permits on a semi-annual basis.

Schedule

Final permits are due by the end of the State fiscal year.

Funding

State monies and Federal (EPA) grants including Surface Water 106 fund this activity. The State Program Office and six Regional Offices will complete this activity. The projected level of effort is 9088 person hours (approximately 4.4 work years). Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Cyndi Grafe, EPA, Grant Project Officer (208) 378-5771

3.2 Provide compliance oversight of land application permitted facilities

Approach

Provide oversight of the permit for compliance with permit conditions by conducting field inspections, reviewing annual reports, and reviewing permit compliance activities. Enforcement and compliance actions are to be performed as needed.

Outputs

- a. Complete 50 inspection reports
- b. Complete 75 annual report reviews
- c. Complete 22 permit compliance activity reviews.
- d. DEQ will report progress semi-annually on the number of inspections completed.

Schedule

All performance measures will be met by the end of fiscal year.

Funding

This activity is funded by state funds and federal (EPA) grant monies including Surface Water 106 funds. Staff located in the Technical Services Division, the State Program Office, and six Regional Offices will complete this activity. The level of effort projected for this activity is 4524 person hours (approximately 2.2 work years). Additional monies are available for contract work.

Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Cyndi Grafe, EPA, Grant Project Officer (208) 378-5771

3.3 Develop program guidance materials and ensure statewide consistency

Approach

The State Office will be responsible for developing materials for regional offices to use in implementing the land application program in the field, including direction, guidance, and tracking systems. A guidance development workgroup is currently established with DEQ, stakeholders, consultants, and individuals in revising the current guidance. Higher priority items are being revised first. The effort is expected to be ongoing for a couple years.

Outputs

- a. Revised guidance published on the DEQ website.
- b. DEQ will provide copies of any draft or final guidance when requested by EPA.
- c. Provide Land Application Training to new and existing staff.

Schedule

All performance measures will be met by end of the State Fiscal Year.

Funding

This Activity is funded by state funds and federal (EPA) grant monies including Surface Water 106. Primarily staff in the State Program Office will complete this Activity with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this activity is 7279 person hours (approximately 3.5 work years). Additional monies are available for contract work.

Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Cyndi Grafe, EPA, Grant Project Officer (208) 378-5771

3.4 Manage the on-site wastewater program -- Revise the Technical Guidance Manual, assist the District Health Departments in issuing on-site permits, review large systems plans and specifications, and perform nutrient-pathogen studies

Approach

The State Office will provide guidance materials and overall management activities related to this program. The Regional Offices will be responsible for plan and specification reviews and Nutrient-Pathogen studies.

Outputs

- a. Revise Technical Guidance Manual.
- b. Large systems plan approvals.
- c. Assist in the review of Nutrient-Pathogen studies.

Schedule

Activities will be completed on an as needed basis. Plan and specifications and nutrient-pathogen studies will be completed within 30 days of submittal if possible.

Funding

3523 hours from State funds and the Federal (EPA) 604(b) grant (approximately 1.69 work years).

Contacts

Carla Fromm, IOO (208) 378-5755

Richard Huddleston, DEQ (208) 373-0561

AJ Maupin, DEQ (208) 373-0140

3.5 Component Commitments

EPA Commitments

Encourage the use of land application of wastewater where it is a preferable alternative to wastewater discharge to surface water.

COMPONENT 4. Ground Water Program

Program Goal

The goals of the DEQ Ground Water Program are to protect and improve the quality of the State's ground water, and ensure that existing and future beneficial uses including drinking water, agricultural, industrial and aquaculture water supplies are met. All ground water is to be protected as a valuable public resource against contamination as per Idaho's Ground Water Quality Rule IDAPA 58.01.11. The quality of degraded ground water is to be restored where feasible and appropriate to support designated beneficial uses.

As of October 2005, the Ground Water Program also coordinates voluntary activities to protect drinking water sources of public water systems.

Activities

- Coordinate all Ground Water and Drinking Water protection related programs that EPA provides funding for in Idaho; develop and implement restoration or other management plans in priority areas of the State; develop guidance for interpretation of the Ground Water Quality Rule, and implement Idaho's source water protection strategies.
- Perform other Ground Water Program and Drinking Water protection related activities (rule interpretation and implementation, project and contract management, policy development and implementation, public education and outreach, regional/local ground water monitoring, source water assessments for new sources, and drinking water protection plans and projects).

Program Contacts

Marie Jennings, EPA (206) 553-1893

Dave Hovland, DEQ (208) 373-0475

Program Commitments

Program Priorities

- Promote adoption of BMPs for ground water protection and evaluate effectiveness.
- Prepare the Ground Water section of the 2006 Integrated Report.
- Develop ground water management plans/strategies for addressing areas of ground water quality degraded by nitrate for the top ten nitrate priority areas by 2009. In SFY 2007 DEQ will continue to develop ground water quality management plans for four nitrate priority areas (Camas Prairie, Ashton, Rupert, and Grandview areas).
- Initiate development of a comprehensive program for ground water monitoring in nitrate degraded areas throughout the State to determine the nature and extent of contamination and to set a baseline for BMP effectiveness.
- DEQ will continue to implement the Ground Water Quality Rule with other designated agencies through its role as chair of the Idaho Ground Water Monitoring Technical Committee and its participation in the Idaho Department of Agriculture, Ground Water Coordination Committee and the Idaho Department of Water Resources, Water Planning Coordination Committee.
- Participate in the Natural Resources Interim Legislative Committee and local aquifer working group deliberations to assist in the development of statewide solutions for ground and surface water quantity and quality concerns.

- Assist Public Drinking Water Systems in drinking water protection efforts.
- Initiate the development of a drinking water protection grant program.

Outcomes

- Decreasing concentrations of nitrate contamination in aquifers located within designated degraded areas of the State.
- Percent reduction of mean nitrate levels in all monitored wells within nitrate priority areas having completed management plans and percent reduction of nitrate levels in monitoring wells exceeding the ground water quality standard within nitrate priority areas having completed management plans.
- Minimized risk to public health for the population served by community water systems through implementation of Idaho's source water protection strategies.

Program Indicators

Number of management plans/strategies implemented in degraded ground water areas, as well as the percentage of community water systems and/or the population served by community water systems that are covered by source water protection strategies.

**4.1 Support the Ground Water 106 Program –
Management, oversight, and administrative support**

Approach

DEQ will coordinate activities with other agencies for protection of ground water.

Outputs

- a. Chair Ground Water Monitoring Technical Committee.
- b. Participation with Agricultural Ground Water Coordination Committee and subcommittees.
- c. Provide support to advisory groups of completed ground water quality management plan areas (Twin Falls, Burley-Cassia County, Weiser, and Lower Boise/Canyon County nitrate priority areas).

Funding

This activity will be funded by EPA Ground Water 106 funds. DEQ staff working on this activity will consist of program managers, administrative support, and technical lead persons estimated at a level of 2,100 person hours (approximately 1.0 work year which is funded from the federal GW 106 Grant).

Schedule

Interagency teleconference coordination meetings to be held quarterly. Participate in a face-to-face meeting with EPA in April 2007.

Contacts

Eric Winiecki, EPA (206) 553-6904

Dave Hovland, DEQ (208) 373-0475

**4.2 Implement restoration activities in priority areas of the State –
Including management plans or other restoration activities**

Approach

DEQ will work with the public and relevant agencies in the area to develop management

strategies. DEQ will continue these efforts this fiscal year in the Camas Prairie nitrate priority area (Lewiston Regional Office), Rupert nitrate priority area (Twin Falls Regional Office), the Ashton nitrate priority area (Idaho Falls Regional Office), and the Grand View nitrate priority area (Boise Regional Office).

Resources

DEQ and other agencies will examine ongoing and planned activities in the priority areas to determine if these can be incorporated into a final restoration strategy. DEQ, when appropriate, may request the formation of an advisory committee, or may utilize an existing advisory group to provide a recommendation regarding the development of management strategies.

Outputs

- a. Ground Water Quality Management Plans (GWQMPs) that are consistent with the Idaho Ground Water Quality Plan, the Idaho Ground Water Quality Rule, DEQ Policy 004, and contain effective strategies for the restoration of the degraded areas. DEQ initiated the five year review of the Twin Falls GWQMP. Review will include a report containing an evaluation of BMP effectiveness as well as a trend analysis of nitrate levels.
- b. Provide updates on progress to EPA by June 30, 2007.

Schedule

The Lewiston, Twin Falls, Idaho Falls, and Boise Regional offices are currently soliciting interest regarding formation of ground water coordination committees in their respective regions. The schedule for final plan development is predicated upon level of interest and involvement of the anticipated committees. Final outputs are scheduled for CY 2008, and may be subject to change depending on the allocation of state resources and priorities.

Funding

This Activity is funded with a combination of CWA 319 grant funds, Ground Water 106 funds and state resources. It is estimated that this Activity will require 6,475 person hours (approximately 3.1 work years of which 1.0 work year is funded from the federal GW 106 Grant) in the Regional Offices, Technical Services Division, and State Office.

Contacts

Eric Winiecki, EPA (206) 553-6904

Toni Mitchell, DEQ (208) 373-0250

4.3 Ground Water Programmatic Related Activities – Agricultural Ground Water Protection Program implementation, program reporting, rule interpretation and implementation, management policy development and implementation, public education and outreach, regional/local ground water monitoring and program implementation, etc.

Approach

Continue management and implementation of Idaho's Ground Water Quality Program. Coordinate DEQ Regional Offices and State Office in the area of Ground Water Rule interpretation and implementation. Participate in the implementation of the Agricultural Ground Water Protection Program portion of the Ground Water Quality Plan.

Outputs

- a. Finalize a guidance document for the development of water quality monitoring plans for Land Application of Recharge Water Projects. The revised draft guidance document is complete and includes example monitoring plans for small and large recharge sites. The draft guidance was released for public comment in April 2006). Over CY 2006 DEQ will pursue with the Idaho Department of Water Resources additional monitoring at several existing and proposed recharge sites in order to characterize background water quality in the areas prior to recharge.
- b. Continue to participate in IDWR Natural Resource Interim Legislative Committee meetings.
- c. Participate in local aquifer working groups:
 1. Treasure Valley Aquifer
 2. Mountain Home Aquifer
 3. Rathdrum Prairie Aquifer
 4. ESPA-Snake River
 5. Bear Lake
 6. Portneuf
- d. Conduct and coordinate follow-up monitoring detections from the Statewide Ground Water Monitoring Program by IDWR or as requested by other agencies such as public health districts. Follow-up monitoring can also be initiated by public water system detections or based on individual complaints or concerns. An average of 15 to 25 such projects are anticipated this year.
- e. Develop local or regional monitoring projects as a result of follow-up monitoring activities, Nutrient Pathogen (NP) validation projects or aquifer protection activities. (In CY 2006, the Idaho Falls Regional Office will continue to compile existing hydrogeologic parameters from various sources and determine the practicality of developing standard parameters for Nutrient-Pathogen (N-P) Level 1 Evaluations in Teton County.
- f. Continue to develop protocols for ground water monitoring activities not covered in the DEQ Quality Assurance Plan. The protocols include monitoring site selection criteria, site documentation and data delivery to Idaho Environmental Management Data System. The protocols will be shared with other agencies.
- g. Prepare semiannual progress reports to EPA and assist in preparing and submitting input for DEQ Performance Indicators, Strategic Plan/or DEQ State of the Environment Report. (The most recent Mid-year Progress Report was completed in February 2006).
- h. Provide informational presentations, technical assistance and respond to public information requests. An average 15-20 of such requests is anticipated each month.
- i. Promote adoption of BMPs for ground water protection, and initiate the preparation of a field guide for evaluating ground water BMP effectiveness. (In SFY 2007, continue to participate in multi-agency Ground Water BMP Effectiveness Technical Committee Meetings towards development of a field guide.
- j. Complete development of guidance for interpretation of the Ground Water Quality Rule. (Complete the development of draft guidance documents on determining "Significant Degradation" and "Background and Degradation").
- k. Review and make recommendations for water quality monitoring plans for land application by recharge water projects. Continue to support the development of managed recharge projects.

- l. Conduct ground water quality investigations/projects including: 1) the Canyon County Radionuclide project (scheduled to be completed in CY 2006); 2) the Rock Creek project monitoring activities (scheduled to be completed with a final report by October 2006).
- m. Continue to meet with IDWR and ISDA to review implementation of the Idaho Ground Water Quality Plan and interagency agreements.
- n. Conduct Ground Water Quality Rule Standards revisions (DEQ has initiated negotiated rule-making to add a standard for fecal coliform of less than one (< 1) colony or colony-forming units and add a standard for Escherichia coliform (E. coli) bacteria of less than one (< 1) colony or colony-forming units.
- o. Complete the development, and begin to populate the database, for DEQ ground water quality data.

Schedule

Final outputs are scheduled for June 30, 2007, and may be subject to change depending on the allocation of state resources and priorities.

Funding

This Activity is funded with a combination of state resources and Ground Water 106 funds, and will support 11,450 person hours (approximately 5.5 work years of which 1.0 work year is funded from the federal GW 106 Grant) from the State Office, Regional Offices, and Technical Services.

Contacts

Eric Winiecki, EPA (206) 553-6904

Ed Hagan, DEQ (208) 373-0356

4.4 Coordinate ground water implementation strategies for a comprehensive program with existing State and federal agency partners.

Approach

Participate with other groups to develop collaborative strategies, for management of Idaho's ground water resources.

Resources

DEQ will use mostly internal resources to oversee and facilitate this activity.

Output

Prepare the ground water section of the 2006 integrated report and coordinate this with DEQ's Surface Water Program (DEQ's lead group for the 2006 Integrated Report).

Schedule

Final outputs are scheduled for June 30, 2007, and may be subject to change depending on the allocation of state resources and priorities.

Funding

Legislatively appropriated state resources and federal dollars will fund this Activity. Projected level of effort for this internal and interagency coordination effort is 1,350 person hours (approximately 0.6 work years of which an estimated 0.3 work years is funded by the federal GW 106 Grant).

Contacts

Marie Jennings, EPA (206) 553-1893

Dave Hovland, DEQ (208) 373-0475

4.5 Source Water Protection Activities

Approach

DEQ will coordinate activities with other agencies, cities, counties, as well as Idaho Rural Water Association source water protection staff. Initiate a drinking water protection grant program.

Outputs

- a. Number of source water assessments completed for new sources
- b. Number of drinking water protection plans completed and/or recertified.
- c. Number of drinking water protection projects completed.

Funding

This activity will be funded by the EPA SRF Wellhead 10% Set Aside [1452(g)(2)] and CWA 319 funds. DEQ staff working on this activity will consist of program managers, administrative support, and technical lead persons estimated at a level of 13,665 person hours (approximately 6.5 work years).

Schedule

Final outputs scheduled for June 30, 2007.

Contacts

Eric Winiecki, EPA (206) 553-6904

Amy Williams, DEQ (208) 373-0115

4.6 Component Commitments

DEQ and EPA Commitments

- a. Meet annually to review ground water program progress.
- b. Continue to improve, maintain, and protect the quality of ground water in Idaho and seek additional resources to implement actions to accomplish that goal.
- c. Continue coordination and communication across program boundaries.
- d. Focus additional resources in prioritized areas with significant ground water quality degradation.
- e. Continue to share strategies on successful BPM implementation to reduce nitrate concentrations in degraded ground water areas.

COMPONENT 5. NPDES Program

Program Goal

The goal of the National Pollutant Discharge Elimination System (NPDES) Program is to maintain or improve the surface waters of the state. EPA currently retains primacy for the NPDES Program in Idaho. EPA is responsible for the permitting and enforcement of all NPDES permits. DEQ is responsible for the water quality certification of all permits and performance of a number of inspections per year for EPA, as negotiated. DEQ conducted approximately 50 NPDES inspections last year. DEQ will continue evaluating the feasibility of assuming primacy of this program and, with the assistance of a stakeholder steering committee, provide information to the Idaho Legislature and appropriate legislative committees.

Activities

- Continue to evaluate and seek delegation of primacy for the NPDES program;
- Perform NPDES inspections; certify NPDES permits, provide permit writing assistance, and review plans for wastewater facilities construction;
- Perform Biosolids Coordination;
- Conduct Storm Water Phase II training, and outreach.

Program Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

Michael McIntyre, DEQ (208) 373-0570

Program Commitments

Program Priorities

- Complete approximately 50 NPDES inspections this year.
- EPA will provide 3-year plan for DEQ to issue NPDES permits including SFY 2006.
- Utilize EPA's plan and DEQ policy to prepare 401 Certifications.
- Continue to evaluate and seek delegation of primacy for the NPDES program.
- Meet MOU responsibilities for dairy operations and beef cattle feeding facilities.

Outcomes

- Progress towards delegation of program primacy.
- NPDES inspections completed.

5.1 NPDES Management – Evaluate NPDES program primacy, increase capacity, and continue guidance development.

Approach

A draft approach for an Idaho NPDES program was created by parties interested including mining, timber, agricultural, industrial, municipal, regulatory, and environmental groups. Program costs and funding options must be evaluated by the Idaho Legislature.

Outputs

- a. Additional guidance and rules if directed by the Idaho legislature

Schedule

None contemplated at this time.

Funding

This activity is funded in part by federal 104(b)3 grant funds. It is anticipated that a potential future state NPDES Primacy Program would be funded by a combination of State General Fund monies, federal grant funds, and fees paid by the regulated community. In SFY 2005, 500 person hours (approximately 0.25 work years) will be devoted to this effort.

Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

5.2 NPDES Activities –

Perform NPDES inspections, certify NPDES permits, assist in writing NPDES permits, and review plans and specifications for wastewater facilities construction.

Approach

Assist in improving surface waters of the state, DEQ will perform inspection tasks for EPA, provide water quality certifications, assist EPA in preparing NPDES permits, and review plans. For the term of this PPA, DEQ will also build storm water inspection capacity through on-the-job training and observation of EPA-conducted storm water inspections. This will provide opportunities for performance partnering/capacity building in the storm water inspection arena in accordance with national priorities.

Outputs

- a. Inspection Reports: a negotiated list of municipal and industrial NPDES inspections to be completed by DEQ and the quarter in which each inspection will be completed. The negotiated DEQ inspection list will be finalized by July 1 each year.
- b. Pre-certifications as appropriate and 401 certifications.
- c. Assist in writing one or more NPDES permits.
- d. Plan approval letters.
- e. Provide quarterly reports that include a list of inspections done, and a list of inspection reports completed during the quarter. The lists must include the facility name, permit number, report date, and inspection date.
- f. Capacity Development Workplan, by October 1, 2006. The Workplan will address training, inspections, compliance assistance, and permit drafting.
- g. Update the Idaho guidance and procedures for Clean Water Act Section 401 Certifications.

Schedule

Plans will be reviewed within 42 days, certifications within 30 days, inspections within the quarter scheduled, and inspection reports within 60 days after the inspection is

completed. The Capacity Development Workplan, will be completed by October 1, 2006. The 401 certification guidance will be completed by June 30, 2007.

Funding

This activity will be funded by State and EPA grant monies including Surface Water 106 funds. Staff located in Technical Services, the State Office, and six Regional Offices will complete this activity. The level of effort projected for this activity is 19,790 person hours (approximately 9.5 work years).

Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

Michael McIntyre, DEQ (208) 373-0570

5.3 Biosolids Coordination

Approach

Improve coordination of biosolids programs with EPA, other state agencies, and the regulated community. Currently, biosolids in Idaho are regulated by EPA through 40 CFR Part 503, and by the DEQ through IDAPA 58.01.02, Water Quality Standards and Wastewater Treatment Requirements, and IDAPA 58.01.15, Regulations Governing the Cleaning of Septic Tanks. Biosolids generators and land appliers are regulated by two agencies with different requirements. More effort is required in Idaho to determine the extent of biosolids generation, to gain experience with EPA rules and permits through participation in the biosolids general permit development and implementation, provide updated rules and guidance, provide inspections, and train affected personnel in proper biosolids treatment and handling to meet the requirements of the DEQ and EPA. This activity is a continuation of work started last State fiscal year.

Outputs

- a. DEQ will continue to assist EPA in the development of the biosolids general permit, individual permits, or compliance assistance .
- b. DEQ will review proposals for land application of domestic septage and will approve or disapprove land application sites in accordance with state regulations.

Schedule

Outputs listed above will be completed by June 30, 2007.

Funding

This activity is funded in part by a federal 104(b)3 grant. In SFY 2007, 100 hours of staff time (approximately 0.05 work years) will be devoted to this effort.

Contacts

Richard Huddleston, DEQ (208) 373-0561

Dick Hetherington, EPA (206) 553-1941

5.4 Storm Water Phase II implementation, training, and outreach

Approach

EPA must issue NPDES Phase II municipal storm water permits to 23 applicants in Idaho, and evaluate the status of approximately 15 other municipal entities as to whether they must obtain NPDES permits for storm water or qualify for a waiver from the program requirements. EPA is responsible for implementing the Phase II storm water program for small municipal storm sewer systems (i.e., issuing permits, conducting outreach to affected parties, etc); however, EPA cannot accomplish this implementation without the input help and assistance of various DEQ water program offices. Funding from federal sources is critical for this activity to proceed at the pace of previous years. Without this funding, assistance from DEQ will be limited. Through this PPA, EPA and DEQ will partner together to support the permitting of municipal storm sewer systems development of a construction & MS4 permit program in Idaho. This cooperative effort will help improve ground water and surface water quality by interagency cooperation and by working with communities, organizations, and watershed advisory groups to assist them with the development of local storm water programmatic control measures.

Outputs

EPA will provide a draft schedule for creating the municipal Surface Water permits by urban area. DEQ will provide timely input to EPA on the municipal applications and preliminary draft permits, and provide 401 certification as necessary. DEQ may also conduct the following activities, which may include but are not limited to:

- a. Provision of "Storm Water Management Techniques" training or outreach.
- b. Revision and promotion of the DEQ Catalog of Storm Water BMPs.
- c. Identification of model local storm water ordinances, guidelines, and/or standards for use within Idaho.
- d. Coordination with MS4 applicants and/or existing watershed and public advisory groups on storm water issues.
- e. Coordination and facilitation regarding development of TMDLs and the municipal storm water permits.

Schedule

EPA will share the schedule for creating the remaining Idaho Municipal Storm Water Permits by August 15, 2006 and DEQ and EPA will work together over the remaining 10 months of SFY 2007.

Funding

This activity may be funded in part by the Federal 104(b)(3) grant. Approximately 500 hours of staff time (equivalent to 0.25 work years) will be devoted to this effort in SFY 2007.

Contacts

Misha Vakoc, EPA (206) 553-6650

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

Michael McIntyre, DEQ (208) 373-0570

5.5 Component Commitments

EPA Commitments

- a. EPA will provide timely review of draft NPDES primacy legislation.
- b. Provide technical assistance in biosolids issues.
- c. Work with DEQ in the determination of the State Fiscal Year 2007 annual NPDES inspection schedule by July 1, 2006.
- d. Implement its 3 year operating plan (CY2006-CY2008) to reduce the backlog of expired NPDES permits and to issue permits to New Sources. This plan, with the list of targeted permits, will be shared with DEQ and will be updated yearly so that DEQ can properly manage its 401 certification and mixing zone evaluation responsibilities. The backlog target should be maintained and has been set to achieve 10% for all facilities since the end of CY2004.
- e. Work with DEQ and stakeholders to finalize NPDES permit language for water quality trading.
- f. Utilize DEQ staff in assisting with the development of 1 NPDES permit.
- g. Assist in identifying or providing NPDES Permit Writing training as needed.
- h. EPA will provide schedule of biosolids permitting activities by September 15, 2006.
- i. EPA will provide schedule of Phase 2 storm water permitting activities by September 15, 2006.
- j. EPA will review DEQ Mercury Criteria Implementation Guidance and meet with DEQ for explanation and discussion.

DEQ Commitments

- a. Continue to review dairy operations and beef cattle feeding facilities pursuant to applicable Memorandums of Understanding (MOU)s.
- b. Complete additional guidance on mixing zone (per Water Quality Standard Activity 4.2) in order to improve methods and state-wide consistency.
- c. Submit completed NPDES inspection reports and summaries quarterly.
- d. Complete NPDES draft permit reviews and 401 certifications.
- e. Assist with preparation of one or more NPDES permits.
- f. Review wastewater construction plans.
- g. DEQ will assist EPA in the development of the biosolids general permit.
- h. DEQ will assist EPA in implementing the Phase 2 Storm water program in Idaho by providing input into permitting process and providing certification as necessary.
- i. DEQ may also provide storm water training, identify model storm water ordinances, coordinate with MS4 applicants and advisory groups, and coordinate in development of TMDLs.
- j. Share mixing zone technical procedures manual with EPA and discuss its implementation.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

Program Goal

Improve environmental protection and public health through construction, operation, maintenance and management of drinking water and water pollution treatment facilities to maintain the longest useful life of the facilities.

Activities

- Manage the Drinking Water and Water Pollution Control Loan Programs;
- Fund Nonpoint Source Projects;
- Manage the State Grant Programs for Drinking Water Projects & Wastewater Projects;
- Manage STAG Funded Projects; and
- Conduct Operator Expense Reimbursement Grant Program.

Program Contacts

Rick Green, Drinking Water, EPA (206) 553-8504

Dan Steinborn, Wastewater, EPA (206) 553-2728

Cyndi Grafe, STAG, EPA (208) 378-5771

Bill Jerrel, DEQ (208) 373-0400

Program Commitments

Program Priorities

- Issue 15 planning grants and \$27 million dollars in loans to improve drinking water system infrastructure. DEQ currently has \$6.2 M in application requests “in-hand” for SFY 2006.
- Issue 10 planning grants and \$28 million dollars in loans to improve wastewater system infrastructure.
- Issue nonpoint source loans for purposes that could include municipal storm water management, and agricultural activities. Coordinate with §319 Nonpoint Source Program and TMDL Program.
- Report on environmental outcomes by completing an environmental benefits evaluation for each project on EPA’s national information management system for the Clean Water SRF.

6.1 Manage the Drinking Water and Wastewater Loan Programs

Approach

For each loan program, execute loan commitments for at least an amount equal to that required and defined in federal statute. Maintain correct federal and state funding ratios by drawing federal funds for each loan program in the proper proportional amounts.

Outputs

- a. Negotiate loan agreements regarding projects listed on the Intended Use Plans, in an amount no less than that required by federal statute.
- b. Prepare Annual Reports for Water Pollution Control State Revolving Fund (SRF) and Drinking Water SRF.

Schedule

Loans are negotiated throughout the fiscal year, which ends June 30. The Water Pollution Control SRF and the Drinking Water SRF Annual Reports are due September 30 and October 31 each year, respectively.

Funding

This activity will be funded by the 4% administrative set-aside portion of both SRFs and one-time state funds. In SFY 2007, approximately 12,606 person hours (equivalent to 6.06 work years) will be budgeted to the SRFs. This includes State Office, Technical Services and Regional Office staff. A limited amount of contract funds will be used to promote the drinking water loan program.

Contacts

Bill Jerrel, DEQ (208) 373-0400

Rick Green, Drinking Water, EPA (206) 553-8504

Dan Steinborn, Wastewater, EPA (206) 553-2728

6.2 Funding Nonpoint Source Projects

Outputs

A priority list for FY 2007 has been prepared and put out for public comment. It has one nonpoint source project on it, however, it is not on the fundable list.

Schedule

The Board of Environmental Quality will approve the priority list by June 30, 2006.

Funding

Any DEQ staff time charged for making nonpoint source project loans will be charged against the 4% CWSRF set-aside for administration and state appropriation.

Contacts

Bill Jerrel, DEQ (208) 373-0400

Dan Steinborn, EPA (206) 553-2728

6.3 Planning Grant Programs for Drinking Water and Wastewater Projects

Approach

Develop an annual wastewater and drinking water grant project priority list. Wastewater grants issued under this program utilize State funds. Obligate any remaining funding from the Local Assistance and Other state Programs [1452(k)(1)] DWSRF Set-Aside.

Outputs

- a. Priority lists of grant projects, by June 30.
- b. Twenty-five (25) potential applicants are expected to submit grant applications during SFY 2007.
- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

Schedule

Grants are negotiated throughout the State fiscal year, which ends June 30.

Funding

Funding for staff that work in the grant programs are provided through State General Funds. 6,559 person hours (approximately 3.15 work years) statewide has been budgeted in SFY 2007.

Contact

Bill Jerrel, DEQ (208) 373-0400

Rick Green, EPA (206) 553-8504

6.4 Manage STAG Funded Projects

Outputs

Process reimbursement requests, review change orders, conduct project inspections and prepare closeout packages, as detailed in the 2003 STAG 205(g) grant award (scope of work) documents.

Funding

Funding for DEQ staff time for administration and oversight of these EPA wastewater and drinking water construction grant projects will come from the 3% set-aside monies in the respective grants awarded to DEQ. 3,100 person hours (approximately 1.49 work years) have been budgeted for these activities in SFY 2007.

Contacts

Bill Jerrel, DEQ (208) 373-0400

Bryan Yim, EPA (206) 553-8575

6.5 Manage Operator Expense Reimbursement Program

Outputs

Award 1 contract for training of very small drinking water system operators.

Funding

Funding for DEQ staff will come from the administrative allowance in the grant. 1,785 person hours (approximately .85 work years) have been budgeted for SFY 2007.

Contacts

Bill Jerrel, DEQ (208) 373-0400

Bill Chamberlain, EPA (206) 553-8515

6.6 Evaluate the DWSRF Disadvantaged Assistance Program

Outputs

- a. Evaluate water systems on current planning grant list to determine eligibility for disadvantaged assistance.
- b. Evaluate the eligibility for disadvantaged assistance for water systems with which DEQ is currently negotiating arsenic compliance schedules.
- c. Prepare a list of projects that potentially could receive disadvantaged assistance during the next two fiscal years.
- d. Provide discussion in the DWSRF Annual Report for SFY 2007 regarding additional projects that potentially could be eligible for disadvantaged assistance.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

Funding

Funding for this evaluation will consist of 4% DWSRF Administration Set-Aside funds.

Contacts

Bill Jerrel, DEQ (208) 373-0400

Rick Green, EPA (206) 553-8504

6.7 Component Commitments

DEQ Commitments

- a. Follow all terms and conditions outlined in the Operating Agreements, yearly capitalization grant agreements, federal statutes, regulations and published national guidance and policies for both SRF Loan Programs.
- b. Submit annual SRF reports to EPA as required.
- c. Annual development, review and modification of the Intended Use Plans for both SRF Loan Programs.
- d. Pursue process for funding non-point source loans (i.e. agricultural and storm water).

EPA Commitments

- a. Conduct timely annual reviews and written reports of both SRF loan programs.
- b. Provide DEQ with advice and consultation as requested and updated program guidance from EPA Headquarters as it becomes available.
- c. Provide timely, informative, and accurate advice regarding SRF program implementation and development questions from DEQ.

COMPONENT 7. Safe Drinking Water Program

Program Goal

The goal of the DEQ Safe Drinking Water Program is to assist and support public water systems to ensure the delivery of safe and reliable drinking water.

Objectives

1. Public water systems that are located, designed, constructed, operated, maintained and protected to reliably meet drinking water health based standards.
2. Public water systems serving drinking water meeting all health based standards.

Primary Program Contacts

Lance Nielsen, DEQ (208) 373-0291

Marie Jennings, Unit Manager, EPA (206) 553-1893

7.1 Public Health Outcomes/Indicators

- a. Successfully address state-wide Significant Noncompliers (SNCs) (Microbial, Nitrate, Lead, and Chronic Contaminants) for small, medium, and large drinking water systems.
- b. Absence of reported waterborne disease outbreaks.

7.2 Outcome Targets

- a. Address 100% Microbial SNCs at Large and Medium Systems before they become exceptions. (Definition of "Large and Medium" system is one that serves more than 3,300 users).
- b. Address 95% of Microbial SNCs at Small Systems before they become exceptions (Definition of "Small" system is a public water system serving less than 3300 persons but over 500 persons).
- c. Address 100% Nitrates SNCs at Large and Medium Systems before they become exceptions.
- d. Address 85% of Nitrates SNCs at Small Systems before they become exceptions.
- e. Address 100% Lead SNCs (initial tap monitoring, optimization of corrosion control, and public education) at Large and Medium Systems and NTNC water Systems before they become exceptions.
- f. Address 85% of Lead SNCs (initial tap monitoring optimization of corrosion control, and public education) at Small Community and NTNC water Systems before they become exceptions.
- g. Address 100% of Chronic chemical/radiological SNCs (Other than Lead) at Large and Medium Community and NTNC water Systems before they become exceptions.
- h. Address 85% of Chronic chemical/radiological SNCs (Other than Lead) at Small Community and NTNC water Systems before they become exceptions.

* "Address" is a term used to identify a resolution to the problem or violation by returning the system to compliance or the State taking formal enforcement action. Examples of what may constitute "address" are: contaminant no longer exceeds the MCL in a specified period of time, monitoring is complete, a bilateral enforceable agreement has been entered, or an administrative order to other civil/criminal action has been filed.

7.3 Activities/Performance Measures

<p>Objective 1: Public water systems that are located, designed, constructed, operated, maintained and protected to reliably meet drinking water health based standards.</p>	<p>Objective 2: Public water systems serving drinking water meeting all health based drinking water standards.</p>
<p>Performance measures for contamination prevention and supporting activities:</p> <ul style="list-style-type: none"> • Number of sanitary surveys completed • Percentage of public water systems with current sanitary surveys • Number of plan and specification reviews processed under 42 days • Percentage of GWUDI determinations completed • Number of SDWIS compliance runs validated. • Number of outreach products provided such as the Drinking Water Newsletter, drinking water related brochures. • Percentage of annual drinking water fees collected 	<p>Performance measures for compliance indicators and supporting activities:</p> <ul style="list-style-type: none"> • Percentage of public water systems in significant compliance with health based standards • Number of acute microbial and surface water treatment failure events resolved • Number of chemical maximum contaminant level events addressed • Percentage of consent orders in compliance with the terms of their consent order • Number of public water systems in violation of health based standards in excess of 8 months (SNC exception) • Number of database compliance determinations

7.4 DEQ / EPA Drinking Water Partnership Commitments and Schedule

DEQ/EPA agree to:

- a. Meet face to face or via teleconference at least four times per year to discuss SNC status, compliance issues, and PWSS program performance issues. At least one of the meetings will be face to face.
- b. Meet annually for mid-year review/ discuss performance (February).
- c. Meet annually for program review / discuss performance (July).
- d. The following priority of rule implementation: 1) Total Coliform Rule 2) Surface Water Treatment Rules 3) nitrate 4) Lead.
- e. Maintain and collaborate on state laboratory certification
- f. Cooperate and coordinate on issues related to the implementation of new rules.
- g. Cooperate to resolve data quality issues.

DEQ agrees to:

- a. Upload quarterly SDWIS/State data on time to EPA unless dtf to xml transition makes this not possible.
- b. Provide EPA with semi-annual performance measure reports in the format utilized by DEQ.
- c. Implement new rules on schedule.

EPA agrees to:

- a. Report quarterly to Idaho DEQ on their analysis of state performance on the EPA measures
- b. Provide DEQ with a quarterly SNC list in addition to the Pivot Table.
- c. Assist DEQ with transition from SDWIS/State to SWR1
- d. Communicate issues with and through DEQ state program office only
- e. Reduce administrative demands on the State by limiting reporting requirements to semi-annual reports and obtain necessary reports and information from SDWIS when possible
- f. Attend Idaho Drinking Water Advisory Committee meetings via teleconference or in person
- g. Continue to provide rule interpretation and assistance
- h. Provide advance notification to the State on training opportunities
- i. Continue to implement Unregulated Contaminant Monitoring Rule and update DEQ on relevant issues
- j. Continue early implementation activities for Stage 2, DBPR, and LRT-ESTWER as necessary and as agreed upon in the December 2005 workload agreement between EPA and DEQ.

7.5 Safe Drinking Water Program Resources Matrix

ACTIVITIES :	PWSS Base Grant	DWSRF 2% Technical Assistance Set Aside [1452(g)]	DWSRF Capacity Development Set-Aside [1452(k)]	DWSRF Well Head Protection Set Aside [1452(k)(1)(D)]	PWSS 10% Set Aside [1452(g)(2)]	CWA 319 Non-Point Source	Hours/FTE's
Data Reporting to EPA using SDWIS/STATE	X				X		10,032 hours/4.82 FTE's
Submit Privacy Applications for, and Implement Requirements of New State Rules.	X						5,670 hours/2.72 FTE's
Conduct Final GWUDI Determinations	X						1,299 hours/0.62 FTE's
Address Compliance for Surface Water Systems	X						400 hours/.2 FTE's
Conduct Sanitary Surveys	X		X				6,179 hours/2.97 FTE's
Implement Capacity Development Strategy	X		X				3,420 hours/1.64 FTE's
Plan and Specification Review	X	X					17,636 hours/8.47 FTE's
Drinking Water Engineering Services and Support	X						700 hours/.3 FTE's
Drinking Water Privacy Core Activities (public education, fee assessments, health district contract management, laboratory certification program consumer confidence reports, annual confidence reports, drinking water security, DW operating licenses, AWOP).	X				X		29,873 hours/14.36 FTE's

7.6 Drinking Water Contacts

<u>IDAHO DEQ</u>	<u>EPA Region X</u>
Lance Nielsen, Drinking Water Program Manager 208-373-0291	Marie Jennings, Drinking Water Manager 206- 553-1893
Tom Aucutt, Planning and Outreach Coordinator 208-373-0269	William Chamberlain, Operator Certification, Capacity Development, AWOP. 206 553-8515
Jerri Henry, Rule and Compliance Lead. 208-373-0471 (Laboratory Certifications, Chemical, and Radiation Rules).	Eric Winiecki, Pivot Table, Compliance and Enforcement, Performance Measures. 206-553-6904
Thomas John, Regulatory Specialist and Engineering Coordinator 208-373-0191 (Microbial Rules)	Cyndi Grafe, Idaho Field Ops 208-378-5771 (Idaho Drinking Water Liaison, Compliance and Enforcement, PWSS Project Officer, and Security Project Officer).
Chris Lavelle, Capacity Development Coordinator 208-373-0486 (Operator Certification and Sanitary Surveys).	Rick Green, Grants and Loans 206-553-8504 (DWSRF and Set-Asides Project Officer)
Don Lee, Field Services Lead. 208-373-0289 (Drinking Water Liaison with DEQ and Health District Field Offices).	Wendy Marshall, Microbial Rules, Disinfection Byproduct Rules, Lead and Copper, Consumer Confidence Rule. 206-553-1890
Mike Piechowski, Staff Engineer 208-373-0274 (Cross Connecton Control, Lead/Copper Rule)	Jane Schuster, SDWIS/Fed 206-553-1096
Curtis Stoehr, SDWIS/State Coordinator 208-373-0542.	Gene Taylor, Lab Certifications, Unregulated Contaminant Monitoring Rule, Risk Assessment, Chemical Rules. 206-553-1389
Joan Thomas, Administrative Assistant 208-373-0409	

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